

Title (en)

ELECTRONIC DEVICE AND METHOD OF ESTIMATING BIO-INFORMATION USING THE SAME

Title (de)

ELEKTRONISCHE VORRICHTUNG UND VERFAHREN ZUR SCHÄTZUNG VON BIOINFORMATIONEN DAMIT

Title (fr)

DISPOSITIF ÉLECTRONIQUE ET PROCÉDÉ D'ESTIMATION D'INFORMATIONS BIOLOGIQUES L'UTILISANT

Publication

EP 4179963 A1 20230517 (EN)

Application

EP 22175861 A 20220527

Priority

KR 20210154636 A 20211111

Abstract (en)

An electronic device may include: an optical sensor configured to emit a reference light to a reference object and detect the reference light reflected from the reference object during calibration, and emit a measurement light to a target object and detect the measurement light reflected from the target object during a measurement; a display; and a processor configured to: when the electronic device is placed on a charger and is in a charging state, perform the calibration of the optical sensor based on the reference light reflected from the reference object; control the display to output guide information for estimating bio-information according to progress stages of the measurement after charging of the electronic device; and estimate the bio-information based on a light quantity of the measurement light that is reflected from the target object, and a light quantity of the reference light reflected from the reference object.

IPC 8 full level

A61B 5/00 (2006.01); **A61B 5/145** (2006.01)

CPC (source: CN EP KR US)

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Citation (search report)

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

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DOCDB simple family (application)

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